

## SWC234 FTA Buses, April 2023, Questions and Answers

QUESTION / COMMENT	STATE of TN RESPONSE
<p>1            1.0        DIMENSIONS</p> <p>              1.6 Inside Height – 61 inches, BraunAbility conversion has interior height at center of vehicle of 60 inches</p>	<p>For the ADA Side-Ramp Minivan, a minimum interior height of 60 inches is acceptable.</p>
<p>2            Would TDOT consider meeting with Creative to discuss awarding the Van category/categories earlier than September 1, 2023? We have information that the 2023 model will be rolling to the 2024 sometime between Q2 and Q4, so we'd like to develop a plan to react quickly when this happens.</p>	<p>The state will award the lines based on the manufacturers releasing the 2024 chassis pricing.</p>
<p>3            3.0 CHASSIS</p> <p>              3.3 Battery – 730 CCA, Stellantis chassis has a 650 CCA battery.</p> <p>              3.14 Drive Shaft Guard, Stellantis chassis is FWD and therefore no driveshaft guard in necessary.</p>	<p>For the ADA Side-Ramp Minivan, a 650 CCA battery is acceptable. Drive Shaft Guard will not be required for a FWD chassis.</p>
<p>4            Regarding Award Criteria, there was a discrepancy noticed that "The State will award up to three separate contracts per line to the lowest responsive and responsible Dealers." Can you please clarify that the intent is to award 3, not 2, as listed in another section?</p>	<p>The state will award based on section 2 of the SWC234 T&amp;C's.</p>
<p>5            4.0 WHEELS AND TIRES</p> <p>              4.6 Wheel Type – Steel, Stellantis chassis has Aluminum wheels, steel wheels are not available.</p> <p>              4.9 Wheel Covers (hubcaps) 4, N/A chassis comes standard with Aluminum wheels.</p>	<p>For the ADA Side-Ramp Minivan, the aluminum wheels that come standard with the chassis are acceptable.</p>
<p>6            4.10 Spare Tire, Stellantis chassis comes standard with an Inflatable Spare Tire.</p>	<p>Spare tire must be able to be stored inside of the vehicle and mounted on the vehicle in place of a flat or otherwise unusable standard tire. Spare tires that meet this standard are acceptable.</p>
<p>7            10.0 SEATS, COVERS, SEATBELTS</p> <p>              10.7 Middle Passenger Seats – Two Seats. One on left side and one foldaway seat on right side. BraunAbility doesn't offer this</p>	<p>For the ADA Side-Ramp Minivan, if the desired seating arrangement in 10.7 Middle Passenger Seats is not available, a two passenger</p>

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configuration, we do offer a Two passenger foldaway seat.	foldaway seat will be an acceptable substitution.
8	
9 10.10.3 The bottom of the seats shall be covered with sheet metal or other material of equal strength and durability and any sharp edges padded to prevent injury or snagging. The bottom of the seat is covered in a durable cloth material, not sheet steel.	For the ADA Side-Ramp Minivan, durable cloth material is acceptable for the bottom of the seats.
10 Will TDOT consider an additional vehicle category, which was not made available until this year? Please see attached documentation. This is a low-floor vehicle, but not considered a cutaway, as it is built on the Ram Promaster Chassis. It meets Buy America, FMVSS, ADA, etc.	Not at this time.
11 Minivan 15.0 FLOORING AND CEILING 15.1.1 Lowered Floor – 16-gauge stainless steel is preferred, Braunability constructs the floor of 20 ga. Aluminized steel. The frame rails shall be made of 14 ga. Aluminized Steel formed channels; the floor shall be reinforced with 16 ga. Aluminized Steel formed channel crossmembers.	The proposed floor construction is on par with current specifications. Therefore, for the ADA Side-Ramp Minivan, this floor construction is acceptable.
12 Will the state consider adding the following options? <ul style="list-style-type: none"> <li>• 800# Wheelchair lift ILO 1000#</li> <li>• Delete red light on interior over emergency exits and rear door</li> <li>• Standard subfloor ILO ¾" Marine grade plywood</li> <li>• 6x9" Convex interior mirror ILO 6"x30" mirror</li> <li>• Standard flooring installation at entrance step ILO Coved flooring in steps</li> <li>• Standard exterior mirrors ILO power/heated with turn signal mirrors</li> <li>• Standard galvanized entry step assembly ILO Stainless steel</li> <li>• Mid-back seats with grab handles, lap belts ILO 3 point harness seats (10.11)</li> </ul>	<p>"800-lb Wheelchair lift ILO 1000-lb" is already an option (see Line 37).</p> <p>These optional items will be added to the Options List:</p> <ul style="list-style-type: none"> <li>• Standard subfloor ILO ¾" Marine grade plywood</li> <li>• 6x9" Convex interior mirror ILO 6"x30" mirror</li> <li>• Standard flooring installation at entrance step ILO Coved flooring in steps</li> <li>• Standard exterior mirrors ILO power/heated with turn signal mirrors</li> <li>• Standard galvanized entry step assembly ILO Stainless steel</li> <li>• Mid-back seats with grab handles, lap belts ILO 3 point harness seats (10.11)</li> </ul>

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	<p>This optional item will not be added to the Options List:</p> <ul style="list-style-type: none"> <li>• Delete red light on interior over emergency exits and rear door</li> </ul>
<p>13 15.2 Floor and Floor Covering – Nonslip floor covering (not mats) or 2 mm thick commercial-grade vinyl transit floor covering wherever the driver or passengers normally place their feet or utilize floor spaces to get to their seats. Braunability utilizes 2 mm thick commercial grade vinyl transit flooring on the lowered floor section. The seat base pedestals are made from ABS plastic and have a carpet insert.</p>	<p>The proposed floor and floor covering is on par with current specifications. Therefore, for the ADA Side-Ramp Minivan, this floor and floor covering is acceptable.</p>
<p>14 Will the state consider deleting 17.6 option “Power windows” since this would require ordering “Dual Door” chassis on the Econoline and Ford has no projection of building any?</p>	<p>17.6 “Power Windows” will be deleted from the base specifications and an option to Add driver/front passenger power windows will be added to the Options List.</p>
<p>15 17.0 WINDOWS AND WINDSHIELD 17.4 Passenger Windows – Flip open glass type windows, Stellantis only offers the following windows; Power front and rear windows with deep tint, driver and passenger 1-touch down, fixed rearmost windows</p>	<p>For the ADA Side-Ramp Minivan, all of the described windows are acceptable.</p>
<p>16 21.0 ACCESSIBILITY PACKAGE – RAMP DOORWAY 21.2 Doorway Width – Doorway shall provide a clear opening of at least 36 inches. Braunability conversion after maximizing full open provides a clear opening of 31 inches.</p>	<p>For the ADA Side-Ramp Minivan, a clear opening of 31 inches for the Lowered Floor Minivan is acceptable.</p>
<p>17 22.0 ACCESSIBILITY PACKAGE – WHEELCHAIR POSITION AND SECUREMENT 22.3.1 Wheelchair Securements - Retain the chair in the event the vehicle overturns. I have Q'Straint verifying this. 22.3.2 Wheelchair Securements – Prevent the chair from moving. I have Q'Straint verifying this. 22.3.3 Wheelchair Securements – Prevent the chair's wheels from leaving the floor in the</p>	<p>For the ADA Side-Ramp Minivan, wheelchair securements that meet all applicable ADA requirements as described in 49 CFR 38.23(d) – Securement Devices have been determined to meet the specifications listed in 22.3.1, 22.3.2, and 22.3.3.</p>

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event of a sudden stop or start. I have Q'Straint verifying this.		
18	<p>20.0 ACCESSIBILITY PACKAGE – SIDE LOADING RAMP</p> <p>20.4 Ramp Width – The width of a ramp and bridge plates shall be at least 33 inches. Braunability utilizes a 30" clear usable with ramp, the sliding door even after maximizing full open will not accommodate a 33" wide ramp.</p> <p>20.7 Ramp Slope (to roadways or curbs) – Shall be 1:6 maximum as measured to ground level with the non-rail vehicle resting on a flat surface. Braunability ramp is 30" X 55" with a slope of 1-4.5 at 12.5 degrees.</p>	<p>For the ADA Side-Ramp Minivan, a ramp width of 30 inches and a slope of 1:4.5 is acceptable, under the condition that the ramp meet all applicable ADA requirements as described in 49 CFR 38.23(c) – Vehicle Ramp.</p>